



Environmental Bulletin

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from the Savannah River Site

Current permit expires October 30, 2013

SRS seeks RCRA Hazardous Waste Permit Renewal

The Department of Energy (DOE)-Savannah River Operations Office has requested that its Resource Conservation and Recovery Act (RCRA) permit be renewed. The current permit for the Mixed Waste Storage Buildings (MWSB), Mixed Waste Management Facility (MWMF), and Sanitary Landfill (SLF) expires on October 30, 2013. This request was made by the submittal of the Savannah River Site (SRS) 2013 RCRA Permit Renewal Application, Revision 0.

This permit renewal application is divided into four volumes: General Information (Volume I), MWSB (Volume VIII), MWMF (Volume VII), and SLF (Volume XXIII).

The General Information volume contains information common to all of the facilities at SRS. It includes descriptions of the site emergency services, security, regional hydrology, and much of Part A of the application. Several of the more significant changes from the previous 2000 renewal application included updating the Part A information, removing discussion of the Hazardous Waste Storage Facility that was certified closed in 2011, updating the Contingency Plan information, and updating the groundwater monitoring list information.

The MWSB volume contains information for two buildings. They are located in E-Area near the center of the site. They temporarily store hazardous waste, mixed waste, non-hazardous radioactive waste, and polychlorinated biphenyl wastes. Several of the more significant changes from the previous 2000 renewal application include requesting approval to manage ignitable and reactive wastes, increasing flexibility to temporarily use secondary dikes while existing floor coatings are being repaired, and updating inspection and training requirements.

The MWMF is a landfill that was originally 58 acres, received waste until 1985, and was closed under the regulations with the closure certification received in 1991. It received lead gloves, coveralls, soils, construction debris, waste oils, solvent rags, and irradiated scrap metals. An additional 13 acres of the facility received waste until 1990 and was certified closed in 1999. The additional acreage received solvent rags. Groundwater below the MWMF contains a variety of contaminants, mostly tritium, solvents, and some heavy metals. SRS is in the process of remediating the contaminated groundwater associated with the MWMF. Several of the more significant changes from the previous 2000 renewal application include proposing corrective action for mercury and 1,4-dioxane detected at the southwest groundwater plume and modifying the proposed corrective actions for the northwest, northeast, and southeast groundwater plumes to address SCDHEC's comments.

The SLF was built in 1974, received waste until 1994, and was certified closed in 1997. Originally 32 acres, the landfill was expanded to approximately 70 acres before it was closed. It generally accepted solid waste from administrative areas, cafeterias, and industrial activities, but also received some solvent rags. The groundwater associated with the SLF contains a variety of contaminants, primarily solvents. SRS performed an in situ bioremediation system corrective action for the contaminated groundwater. Based on regulatory agreement, the corrective action is no longer in operations. SRS is currently monitoring the groundwater to ensure that no further remediation of the groundwater is needed. The only significant change from the previous 2000 renewal application includes proposing to update the 1,4-dioxane sampling plan.

More information, including the actual volumes of the permit renewal application, is available for review and copying at the DOE Public Reading Room located in the University of South Carolina-Aiken Library, or by contacting personnel identified in this notice. The Permittee's compliance history during the life of the permit that is expiring is available from SCDHEC.

Written comments may be sent to SCDHEC. All comments will be considered in the final decision. For additional information, contact Janet Griffin, Savannah River Nuclear Solutions, LLC, Savannah River Site, 730-1B, Aiken, SC 29808. Please send your comments to R. A. Haynes, P.E., Director, Bureau of Land and Waste Management, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, SC 29201-1708.

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**For more information on this or
other environmental and compli-
ance activities at SRS, contact:**

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